

Message Text

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ACTION OES-07

INFO OCT-01 EUR-12 ISO-00 NSF-01 NAS-01 COME-00 FEA-01

PA-01 PRS-01 HUD-01 EB-07 ACDA-07 /040 W

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FM AMEMBASSY MOSCOW

TO SECSTATE WASHDC 9116

INFO ERDA WASHDC

ERDA GERMANTOWN MD

AMCONSUL LENINGRAD

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DEPT PASS HUD DE HANCOCK

E.O. 11652: N/A

TAGS: TECH, UR, US

SUBJECT: US-USSR HOUSING AGREEMENT--UTILITY SYSTEMS FOR POPULATED
AREAS (10.02-02) AND LIQUID WASTE SYSTEMS (10.02-02-01)

REF: A. MOSCOW 2805 REF B MOSCOW 8993

1. DURING JUNE 21 VISIT TO EMB SCIOFFICE SUBJECT DELEGATIONS
REPORTED A POSITIVE TRIP TO THE SOVIET UNION. THE MEMBERS OF
THE DELEGATION EXPRESSED SPECIAL INTEREST IN SOVIET TECHNIQUES
FOR COGENERATION OF ELECTRIC POWER AND MUNICIPAL HEATING
SYSTEMS; A TECHNIQUE WHICH IS WIDELY APPLIED IN THE
SOVIET UNION. (SOVIETS HAVE INDICATED THAT 35 0/0 OF INSTALLED
POWER IN COGENERATED AND COGENERATION IS OBLIGATORY FOR NEW
POWER STATIONS AS AN ENERGY CONSERVATION MEASURE).
DELEGATES NOTED SOME SOVIET RELUCTANCE TO DISCUSS
PRACTICAL PROBLEMS WITH THESE SYSTEMS, SUCH AS NEED TO CLOSE THEM
DOWN FOR SEVERAL WEEKS EACH YEAR FOR CLEANING OR PROBLEMS
CONNECTED WITH THE EXPANSION JOINTS OF THE EXTREMELY LARGE
PIPES USED IN THE SOVIET SYSTEMS.

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2. DELEGATES ALSO EXPRESSED INTEREST IN CENTRALIZED UNDERGROUND
PNEUMATIC TRASH COLLECTION SYSTEM, A MODEL OF WHICH THEY SAW IN
LENINGRAD. PNEUMATICALLY OPERATED COLLECTORS, SHUTTTLING
THROUGH UNDERGROUND TUNNELS, COLLECT TRASH AND SEND IT TO
CENTRAL COMPOSITING PLANT. SOVIETS BELIEVE SYSTEM COULD
OPERATE OVER A DISTANCE OF UP TO 40 KILOMETERS.

JAPANESE REPORTEDLY HAVE PURCHASED LICENSE FOR THE SYSTEM.

3. LIQUID WASTE DISPOSAL EXPERTS SAW LESS OF INTEREST. THEY VIEWED SOVIETS TECHNIQUES IN THIS FIELD AS 15-20 YEARS BEHIND U.S. SOME POSSIBILITIES FOR SALE OF US POLLUTION CONTROL EQUIPMENT WERE DISCERNED. SOVIETS, HOWEVER, SEEMED MORE INTERESTED IN OBTAINING TECHNICAL SPECIFICATIONS THAN IN PURCHASE OF EQUIPMENT.

4. US DELEGATES INTERESTED IN POWER GENERATION EXPRESSED SOME FRUSTRATION AT THE INSTITUTIONAL FRAMEWORK OF THE AGREEMENT WHICH, FROM THE SOVIET SIDE, LIMITED THEM TO DEALING WITH CONSTRUCTION ORIENTED INSTITUTES UNDER THE AUSPICES OF GOSSTROY. MORE COORDINATION WITH THE SOVIET MINISTRY OF POWER WOULD BE USEFUL IN THE FUTURE, THE DELEGATES BELIEVE. ONE DELEGATE FROM PRIVATE POWER UTILITY INDUSTRY, NOTED THAT ANOTHER VISIT OF UP TO ONE MONTH AT ONE CENTRAL GENERATION PLANT WOULD BE USEFUL.

5. SOVIET REPRESENTATIVES REPORTEDLY EXPRESSED INFORMAL DESIRE TO CONTINUE EXCHANGES UNDER INDUSTRIALIZED BUILDING SYSTEMS WG (10.02) AT LEVEL OF 17 VISITS PER YEAR. US DELEGATION LEADER, HOWEVER, NOTED THAT BUDGETARY CONSIDERATIONS WOULD FORCE US SIDE TO HOLD PROGRAM TO MUCH MORE MODEST LEVEL.

6. ERDA SPONSORED HEAT REJECTION (08.02-03) DELEGATION VISITED LIMITED OFFICIAL USE

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USSR IN FEBRUARY, 1977, AND EXPRESSED STRONG INTEREST IN SOVIET COGENERATION TECHNIQUES (REF). IN VIEW SIMILAR INTEREST OF UTILITY SYSTEMS DELEGATION WE SUGGEST THAT ERDA AND HUD COORDINATE FUTURE EFFORTS TO STUDY SOVIET EXPERIENCE IN COGENERATION. AS ERDA AWARE, MAGNETOHYDRODYNAMIC (MHD) ENERGY CONVERSION ALSO PRESENTS TRONG POSSIBILITY FOR COGENERATION. RECENT POSITIONING OF US SUPERCONDUCTING MAGNET IN SOVIET MHD INSTALLATION IS ONE OF MOST SUCCESSFUL CONCRETE EXAMPLES OF US-SOVIET SCIENTIFIC COOPERATION. (REF B) TOON

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Control Number: n/a
Copy: SINGLE
Sent Date: 24-Jun-1977 12:00:00 am
Decaption Date: 01-Jan-1960 12:00:00 am
Decaption Note:
Disposition Action: RELEASED
Disposition Approved on Date:
Disposition Case Number: n/a
Disposition Comment: 25 YEAR REVIEW
Disposition Date: 22 May 2009
Disposition Event:
Disposition History: n/a
Disposition Reason:
Disposition Remarks:
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